- 1. A controlled suspension system for use between a truck cab or the like and an associated vehicle frame comprising:
- (a) a strut module adapted to be attached at one end to a truck cab and at an opposite end to an associated vehicle frame, said strut module including an air sleeve capable of being selectively pressurized;
- (b) said strut module including a height sensor for measuring a distance between said truck cab and said associated frame and generating a signal indicating thereof; and
- (c) a controller for receiving said signal from said height sensor and selectively pressurizing said air sleeve;
- (d) whereby said distance between said cab and said associated frame is maintained within desired limits by selective pressurization of said air sleeve.
- 2. The suspension system of claim 1 wherein said strut module includes a strut having an inner tube, an outer tube concentric with said inner tube and a bearing sleeve positioned between said inner tube and said outer tube, whereby said bearing sleeve distributes a bending moment applied to ends of said strut.
- 3. The suspension system of claim 2 wherein said air sleeve is connected to said inner tube and said outer tube.
- 4. The suspension system of claim 3 wherein said air sleeve is concentric with said inner tube.
- 5. The suspension system of claim 4 wherein said air sleeve includes a flexible portion connected to said outer tube.

- 6. The suspension system of claim 5 wherein said air sleeve includes a relatively rigid portion connection to said inner tube.
- 7. The suspension system of claim 6 wherein said relatively rigid portion is concentric with said inner tube.
- 8. The suspension of claim 2 wherein said relatively rigid portion, said flexible portion, said inner tube and said outer tube define a first air chamber of said air sleeve; and said air sleeve includes a seal adapter that, together with said inner tube and said outer tube, defines a second air chamber.
- 9. The suspension system of claim 2 wherein said strut module includes a three-point connection adapted to interconnect said cab and said frame, whereby said three-point connection resists relative lateral movement between said cab and said frame.
- 10. The suspension of claim 1 wherein said frame includes a transverse frame element and said strut is adapted to be attached thereto.
- 11. The suspension system of claim 10 wherein said strut is adapted to be positioned at substantially a midpoint of said transverse frame element.
- 12. The suspension system of claim 11 wherein said strut is adapted to be mounted on a downwardly-depending flange of said cab.
- 13. The suspension system of claim 1 wherein said controller is mounted on said strut.
- 14. The suspension system of claim 1 wherein said strut module includes mounting flange adapted to make a two-point connection to one of said cab or said frame; and said controller is mounted on said mounting flange.

- 15. The suspension system of claim 14 wherein said strut module includes a housing mounted on said mounting flange; and said housing encloses said controller and said height sensor.
- 16. The suspension system of claim 15 wherein said height sensor includes a link connected to said strut module adjacent an end opposite said mounting flange.
- 17. The suspension system of claim 16 wherein said end opposite said mounting flange is adapted to make a single point connection that, together with said two-point connection, makes a three-point connection between said cab and said frame, thereby resisting relative lateral movement between said cab and said frame.
- 18. The suspension system of claim 1 wherein said strut module includes an MR strut and said controller is connected to said MR strut to vary the damping characteristics thereof.
- 19. A controlled suspension system for use between a truck cab or the like and an associated vehicle frame comprising:
- (a) a strut module adapted to be attached at one end to a truck cab and at an opposite end to an associated frame, said strut including a three-point connection adapted to interconnect said cab and said frame, whereby said three-point connection resists relative lateral movement between said cab and said frame;
- (b) a height sensor mounted on said strut module for measuring a distance therebetween and generating a signal indicative thereof; and
- (c) a controller for receiving said signal from said height sensor and selectively pressurizing said strut module;

- (d) whereby said distance between said cab and said associated frame is maintained within desired limits by selective pressurization of said strut module by said controller.
- 20. The suspension system of claim 19 wherein said frame includes a transverse frame element and said strut module is adapted to be attached thereto.
- 21. The suspension system of claim 20 wherein said strut includes a mounting flange adjacent one end thereof; said mounting flange having a two-point connection; said two-point connection being a component of said three-point connection.
- 22. The suspension system of claim 21 wherein said two-point connection is adapted to be attached to one of said cab and said frame.
- 23. The suspension system of claim 19 wherein said controller is mounted on said strut module.
- 24. The suspension system of claim 19 wherein said strut module includes a housing containing said controller and said height sensor.
- 25. The suspension system of claim 24 wherein said housing is positioned adjacent an end of said strut module; and said height sensor includes a link extending from said housing and attached adjacent to an opposite end of said strut module.
- 26. The suspension system of claim 25 wherein said strut module includes a strut having an inner tube, an outer tube and a bearing sleeve interconnecting said inner and outer tubes; and said link is attached to said inner tube.

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- 27. The suspension system of claim 19 wherein said strut module includes an MR strut and said controller is connected to said MR strut to vary the damping characteristics thereof.
- 28. The suspension system of claim 19 wherein said height sensor is integral with said controller.